

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

(J)

PUBLICATION NUMBER : 2000282024
PUBLICATION DATE : 10-10-00

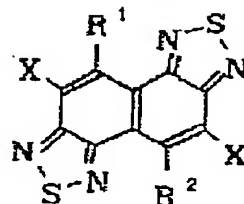
APPLICATION DATE : 14-02-92
APPLICATION NUMBER : 04028494

APPLICANT : MITSUBISHI CHEMICALS CORP;

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INT.CL. : C09K 11/06 H05B 33/14

TITLE : ORGANIC ELECTROLUMINESCENT
DEVICE



ABSTRACT : PROBLEM TO BE SOLVED: To obtain the subject light emission element capable of stably driving for long time by including a specified derivative in an organic hole transport layer and/or organic electron transport layer of an organic electric field light emission element laminated an anode two specified transport layers and a cathode.

SOLUTION: This light emission element is obtained by including a naphthobis-1,2,5-thiadiazole derivative of the formula [R1 and R2 are H, a halogen, cyano, nitro, carboxyl, a (substituted) alkyl, a (substituted) amino, a (substituted) aromatic hydrocarbon or the like; X is H, a halogen, alkoxy or hydroxy] in an organic hole transport layer and/or organic electron transport layer of an organic electric field light emission element sequentially laminated an anode, an organic electron transport layer and a cathode. The derivative of the formula has strong fluorescence in a solution state and, when doped in host materials, increases luminous efficiency of the element and stabilizes thin film state of the host materials.

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